ELSEVIER

Coordination Chemistry Reviews 170, Complete,
March 1998

COORDINATION CHEMISTRY REVIEWS

Contents

The luminescent properties of divalent europium complexes of crown ethers and cryptands
J. Jiang, N. Higashiyama, K.-i. Machida and G.-y. Adachi 1

Molecular switches of fluorescence operating through metal centred redox couples
R. Bergonzi, L. Fabbrizzi, M. Licchelli and C. Mangano 31

Electron transfer reactions of nickel(III) and nickel(IV) complexes
S. Bhattacharya, B. Saha, A. Dutta and P. Banerjee 47

Survey of ligand field parameters of strong field d^5 complexes obtained from the g matrix
B.R. McGarvey 75

Solution extraction of transition and post-transition heavy and precious metals by chelate and macrocyclic ligands
A.T. Yordanov and D.M. Roundhill 93

Oxidations by copper metalloenzymes and some biomimetic approaches
M. Fontecave and J.-L. Pierre 125

Diruthenium and diosmium tetracarboxylates: synthesis, physical properties and applications
M.A.S. Aquino 141

Structural aspects of metal–amide complexes
O. Clement, B.M. Rapko and B.P. Hay 203

Application of transition metals in hydroformylation. Annual survey covering the year 1997
F. Ungváry 245

Erratum to 'NMR of paramagnetic substances' [Coordination Chemistry Reviews 150(1996)]
I. Bertini and C. Luchinat 283

Author index 289

Subject index 289

The table of contents of *Coordination Chemistry Reviews* is included in ESTOC – Elsevier Science Tables of Contents service – which can be accessed on the World Wide Web at the following URLs: http://www.elsevier.nl/locate/estoc or http://www.elsevier.com/locate/estoc